



# NRCS Species for Plant Collections 2007

*Rudbeckia hirta*

**Scientific Name:** *Rudbeckia hirta*  
**Common Name:** Blackeyed susan



## Morphological Characteristics:

**Habit-** native warm season perennial forb reaching 1 to 3 ft tall; flowers May to September; reproduces by seed and rootstock

**Leaves-** alternate, simple, longer than broad, base subpetiolar to nearly sessile, margins entire to obscurely toothed

**Flowers-** in heads, solitary at end of a long peduncle; peduncles 1 ½ to 12 inches long; ray flowers 12 – 20 yellow or orange in color, disk flowers brown

**Fruit-** achenes, 4-angled in cross section, sides flat to convex

**Other-** stems, leaves and calyx hirsute to hispid

**Habitat and Range:** dry plains and prairies; disturbed sites; occurs throughout Texas except the Trans-Pecos region



## Conservation Use:

Why collect this plant? Texas Plant Materials Centers have identified this plant as having potential benefits to the following conservation practice standards: 645 Upland Wildlife Habitat Management; 342 Critical Area Planting; 562 Recreation Area Improvement; 550 Range Planting. Your assistance in collecting this plant helps support the NRCS conservation practice standards which are employed daily to conserve the natural resources of Texas!

## Centers Requesting Seed:

East Texas PMC,  
E, Kika de la Garza PMC

## How to Collect Seed

1. Identify native plant stands in your area. You can go to the following websites for helpful photos <http://plants.usda.gov> or <http://www.noble.org/imagegallery/index.html> or [www.wildflower.org](http://www.wildflower.org)
2. Determine if seed is mature. Mature seed is typically dry and will easily separate from the seed head.
3. Hand strip mature seed by grasping the bottom of the seed head then gently pulling away from the base of the plant. Deposit seed in a brown paper sack. Collect seed from a minimum of 30 to 50 plants.
4. Label each collection as it is made so collections do not get mixed up. Information required includes: Collector's name, number of plants collected, location (parish, city, highway, GPS coordinates), site description (soil type, slope, plants growing in association).
5. Complete NRCS-ECS-580; Plant Collection Information Form and mail with collected seeds to the NRCS Plant Materials Center requesting the species.

Knox City Plant Materials Center  
3776 FM 1292  
Knox City, TX 79529-2514

E. Kika de la Garza Plant Materials Center  
3409 N FM 1355  
Kingsville, TX 78363

East Texas Plant Materials Center  
6598 FM 2782  
Nacogdoches, TX 75964

## Helpful Tips

Look for superior plants that display differences in color, height, or forage abundance and record observations. Differences in growing site or location should be made into separate collections if they are separated by more than 1 mile between sites.

## Other Photos:

